

United States Department of Agriculture

MONTHLY LIST OF PUBLICATIONS

JULY 1934

Any five of the nontechnical publications listed herein, except those otherwise noted, may be obtained free upon application to the United States Department of Agriculture, Washington, D.C., as long as the Department's supply lasts. After this supply is exhausted, publications may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D.C., by purchase at the prices stated herein. His office is not a part of the Department of Agriculture.

Free distribution of technical material and periodicals is restricted.

Except in the case of exchanges, publications are not sent free to residents of foreign countries.

FARMERS' BULLETINS

These bulletins discuss in nontechnical language a wide variety of subjects pertaining to the farm and farm home.

Varieties of durum wheat. J. Allen Clark, Bureau of Plant Industry. 13 p., illus. (F.B. 1706F.) Price, 5¢.

Describes briefly ten varieties of durum wheat grown commercially in the United States. These differ in their adaptation and yielding ability, resistance to rust and drought, and in the quality of their grain, as well as in their appearance.

TECHNICAL BULLETINS

The Technical Bulletins contain the results of scientific and research work applying to a special crop, industry, or locality. The editions are limited, as they are intended primarily for scientific workers and subject-matter specialists.

Influence of storage temperatures on the rest period and dormancy of potatoes.

R. C. Wright and Walter M. Peacock, Bureau of Plant Industry. 22 p., illus. (T.B. 424T.) Price, 5¢.

In this discussion, the term "rest period" in potato tubers refers to that period immediately following harvest during which they will not sprout even when kept under favorable growing conditions. On the other hand, if potatoes are held at a temperature too low for sprout growth they will remain in a dormant condition until they break down physiologically.

CIRCULARS

This series carries the less technical and more informal material of the same general nature as that in the Technical Bulletins series.

The Dairee date, a promising Mesopotamian variety for testing in the Southwest.

Roy W. Nixon, Bureau of Plant Industry. 12 p., illus. (Cir. 300C.) Price, 5¢.

Notes were made on the botanical characters of the palms in the Coachella Valley, and a carefully preserved sample of the fruit was taken for comparison. An investigation was made in the Basra region, and after a study of both palms and fruit this date was identified as the Dairee described in this publication.

Bulbs from seed. David Griffiths, Bureau of Plant Industry. 32 p., illus. (Cir. 311C.) Price, 5¢.

Many of the species enumerated or described are not produced in the United States, or at least not in sufficient quantity to supply even the meager demand of the amateur gardeners who are just beginning to use them.

DEPARTMENT CIRCULARS

This series carries the less technical and more informal material of the same general nature as that in the Technical Bulletins. The series ended in 1927 and is succeeded by the Circular series.

How lumber is graded. H. S. Betts and R. K. Helphinstine, Jr., Forest Service. 48 p. (D.C. 64DC, rev.) Price, 5¢.

MISCELLANEOUS CIRCULARS

These circulars include those publications of a miscellaneous nature which do not fall within any of the other series issued by the Department. The series closed with no. 110 and is replaced by the Miscellaneous Publications series.

State sanitary requirements governing admission of livestock, revised to February 15, 1934. Bureau of Animal Industry. 129 p. (M.C. 14MC., rev.) Price, 10¢.

MISCELLANEOUS PUBLICATIONS

This series includes those publications of a miscellaneous nature which do not fall within any of the other series issued by the Department, particularly those of a size other than octavo. Such publications were formerly issued as Miscellaneous Circulars.

Black currant spreads white-pine blister rust. Samuel B. Detwiler, Bureau of Plant Industry. 8 p., illus. (M.P. 27 MP, rev.) Price 5¢.

Roadside improvement. Wilbur H. Simonson and R. E. Royall, Bureau of Public Roads. 35 p., illus. (M.P. 191 MP.) Price, 10¢.

In the past, highway engineers and officials have devoted their efforts to the extension of mileage of road construction, with only slight attention to aesthetic features. It is believed that a majority of our highway users now desire that highway improvement include the roadside as well as the road surface.

Traps for the Japanese beetle and how to use them. F. W. Metzger, Bureau of Entomology. 11 p., illus. (M.P. 201 MP.) Price, 5¢.

The purpose of this publication is to discuss the types of traps found to be most effective in catching beetles and to point out the proper method of placing and operating these devices to obtain the most satisfactory results.

STATISTICAL BULLETINS

Tables giving statistics relating to one or more closely related agricultural commodities. Of interest to persons engaged in marketing or any business affected by agricultural production.

Car-lot shipments and unloads of important fruits and vegetables for the calendar years 1931 and 1932. Bureau of Agricultural Economics. 203 p. (S.B. 46S.) Price, 15¢.

SOIL SURVEYS

These reports consist of two parts: (1) A soil map in colors showing the extent and distribution of the different soils in the area covered by the survey and (2) a printed report containing brief description of the area, its climate and agriculture, and detailed descriptions of the soils. They are of interest and value primarily to residents of the area surveyed and to soil specialists. All requests for Soil Surveys are referred to the Bureau of Chemistry and Soils, which controls their distribution.

Texas, Frio County. (Number 25, series 1929.) 38 p. Price, 30¢.

Texas, trans-Pecos area, (Reconnaissance). (Number 35, series 1928.) 66 p. Price, 35¢.

Washington, Columbia Basin area, (Reconnaissance). (Number 28, series 1929.) 55 p., illus. Price, 30¢.

SERVICE AND REGULATORY ANNOUNCEMENTS

Such notices of judgment, decisions, and instructions as are necessary in the enforcement of regulatory acts are contained in these announcements. They are issued monthly or as necessary by certain bureaus. *Free distribution* is limited to persons in the employ of the Department, to public officials whose duties render it necessary for them to have such information, to journals especially concerned, and to manufacturers and firms whose business is affected by the announcements.

Bureau of Animal Industry, Service and Regulatory Announcements, May 1934. Pp. 41-49. (S.R.A.-B.A.I. 325). Price, 5¢.

Notices of Judgment under the Food and Drugs Act. Food and Drug Administration. Pp. 469-525. (N.J., F.D. 20876-20950); pp. 527-549. (N.J., F.D., 20951-21000).¹

Bureau of Plant Quarantine, Service and Regulatory Announcements, January-March 1934. 31 p. (S.R.A.-B.P.Q. 118.)¹

Bureau of Plant Quarantine, Service and Regulatory Announcements, Index. (S.R.A.-B.P.Q. Index, 1933.) 3 p.¹

¹ These may be obtained from the issuing bureau.

OTHER PUBLICATIONS

Directory of the Bureau of Animal Industry, corrected to February 16, 1934. 68 p. Price, 10¢.

Plant material introduced by the Division of Foreign Plant Introduction, Bureau of Plant Industry, April 1 to June 30, 1932. (Nos. 98257-100467). (B.P.I. Inventory 111). 93 p. Price, 10¢.

Report of the Hawaii Agricultural Experiment Station, 1933. 27 p., illus. Price, 5¢.

Report on the agricultural experiment stations. 78 p. Price, 10¢.

PERIODICALS

Free distribution of periodicals is definitely restricted. They may be obtained by purchase or subscription from the Superintendent of Documents.

Agricultural situation. Vol. 18, no. 7, July 1, 1934. Price, 5¢ a copy; 25¢ a year, domestic; 40¢ a year, foreign.²

A brief general summary of current conditions, including pertinent statistics relating to production, movement, consumption, and prices of the important farm products.

Crops and markets. Vol. 11, no. 6, June 1934. Price, 10¢ a copy; \$1.00 a year, domestic; \$1.50 a year, foreign.²

Statistics concerning crops and livestock estimates and market information; reports on supplies, stocks, commercial movement, conditions, and prices of agricultural products; and studies of prices and demand, both foreign and domestic.

Daily weather maps. Limited editions. Not for general distribution.

Shows weather conditions for United States and forecast for all States east of the Mississippi River, except Illinois, Wisconsin, Indiana, Upper Michigan, Lower Michigan, Alabama, Mississippi, and the extreme western portion of Florida. Price daily, except Sundays and holidays, 25¢ a month, \$3 a year; daily, including Sundays and holidays, 30¢ a month, \$3.00 a year. Sunday and holiday maps only, 50¢ a year. Foreign subscriptions, \$7.25 a year. Maps DD, E, and CM, showing the weather conditions and forecasts, are issued at numerous stations throughout the United States, 20¢ a month, \$2.40 a year.²

Experiment station record. Vol. 71, no. 1, July 1934. Price, \$1 per volume (2 volumes a year) consisting of 6 monthly numbers and index; \$1.50 per volume, foreign. Single number for sale only. Price 15¢.²

A technical view of the world's scientific literature pertaining to agriculture.

Journal of agricultural research. Price, \$2.25 a year domestic; \$3.50 a year foreign. Not distributed free to individuals. Each issue, price 10¢. Reprints, 5¢ each.²

Of primary interest to agricultural scientists and advanced students only. Issued in 2 volumes a year, of 12 numbers each. Free distribution is limited to certain libraries and to institutions or departments doing research work.

— Vol. 48, no. 9. Illus. May 1, 1934.

Contents:

Life history of the crown-gall organism in relation to its pathogenesis on the red raspberry (G-895). W. M. Banfield.

² Payable to the Superintendent of Documents, Government Printing Office, Washington, D.C.

Indicate below, by numbers IN NUMERICAL ORDER bulletins desired. In order to assure prompt delivery detach this frank and return in stamped envelope to United States Department of Agriculture, Office of Information, Washington, D.C. List no more than five publications. If more are desired please apply to Superintendent of Documents, Government Printing Office, Washington, D.C., enclosing remittance to cover cost of publication.

Farmer's Bulletins	Leaflets	Other publications



Journal of agricultural research—Continued.

Chromosomes in hybrids between *Euchlaena perennis* and *Zea mays* (G-896). A. E. Longley.
 A bacterial disease of *Hedera helix* (G-897). Richard P. White and Lucia McCulloch.
 Growth of chickens as a function of feed consumption (A-161). Harry W. Titus, Morley A. Jull, and Walter A. Hendricks.
 Comparison of the pullorin and the rapid whole-blood agglutination tests for pullorum disease (A-163). Hubert Bunyena.
 The distribution and condition of nitrogen in three horizons of a differentially fertilized Hagerstown clay loam soil planted to apple trees in metal cylinders (Pa.-47). Walter Thomas.

— Vol. 48, no. 10. Illus. May 15, 1934.

Contents:

Life history of the hairy-root organism in relation to its pathogenesis on nursery apple trees (G-898). E. M. Hildebrand.
 Seasonal development of hairy root, crown gall, and wound overgrowth on apple trees in the nursery (G-899). A. J. Riker and E. M. Hildebrand.
 Hairy root, crown gall, and other malformations at the unions of piece-root-grafted apple trees and their control (G-900). A. J. Riker, G. W. Keitt, E. M. Hildebrand, and W. M. Banfield.
 Technic for obtaining spermatozoa for physiological dairy studies and artificial insemination (I-17). Fred W. Miller and Everett L. Evans.
Aphelenchoides xylophilus, n. sp., a nematode associated with blue-stain and other fungi in timber (G-913). G. Stelzer and Edna M. Buhler.

Public roads. Vol. 15, no. 4, June 1934. Price, 10¢ a copy; \$1 a year, \$1.50 a year, foreign.²

Weekly weather and crop bulletin. Nos. 27-30, July 3-July 24, 1934. Price, 50¢ a year, domestic; \$1 a year, foreign.²

Gives detailed weather conditions of preceding weeks and their effect on development of crops and farm operations. Limited edition.

AGRICULTURAL ADJUSTMENT ADMINISTRATION

The farmers run their show. Chester C. Davis, Administrator, Agricultural Adjustment Act. 13 p., illus. (G-18).³

List of publications and other printed material of the Agricultural Adjustment Administration, May 12, 1933, to June 1, 1934. 25 p. (G-19).³

Code of fair competition for the wheat flour milling industry. Approved by the President of the United States. Code of Fair Competition Series—Code no. 16. 16 p. (M-67.) Price, 5¢.

Amended license for gum-turpentine and gum-rosin processors. License series—License no. 37 as amended. 14 p. (M-68.) Price, 5¢.

Code of fair competition for the wholesale fresh fruit and vegetable distributive industry. Approved by the President of the United States. Code of Fair Competition Series—Code no. 17. 18 p. (M-69.) Price, 5¢.

² Payable to the Superintendent of Documents, Government Printing Office, Washington, D.C.

³ These may be obtained free upon application to the Agricultural Adjustment Administration.

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